



Renaissance One
Two North Central Avenue
Phoenix, Arizona 85004-2391
602.229.5200
Fax 602.229.5690
www.quarles.com

Attorneys at Law in
Milwaukee and Madison, Wisconsin
Naples and Boca Raton, Florida
Phoenix and Tucson, Arizona
Chicago, Illinois

Facsimile Transmission Form

MAY 28 4 46 PM '04

Date: May 28, 2004

To:	Fax No.	Phone No.
Name Company/Firm City, State Zip Country	U.S. Patent and Trademark Office Art Unit 1645	703-872-9306

From:	Barbara J. Luther	602.420.5102	602.230.5502
Re:	USSN: 10/624,714		

Message:

RECEIVED
CENTRAL FAX CENTER

MAY 28 2004

OFFICIAL

IF YOU HAVE PROBLEMS RECEIVING THIS FACSIMILE, PLEASE CALL US IMMEDIATELY AT:
602.229.5361

No. of Pages (Including Cover): <u>3</u>	Job Code: _____	
Client - Matter No.: <u>112624.00085</u>	Time Keeper: <u>BLUTHER</u>	
Recipient: <u>USPTO</u>	Return To:	<u>P. Huffman</u>
Requestor Name: _____	Phone No.: _____	

IMPORTANT: THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED AND/OR CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA REGULAR POSTAL SERVICE. THANK YOU.

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/624,714	
	Filing Date	July 21, 2003	
	First Named Inventor	Paul S. Keim et al	
	Group Art Unit	1645	
	Examiner Name	R. Swartz	
Total Number of Pages in This Submission	2	Attorney Docket Number	112624.00085 ORD

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
Remarks Response under 37 C.F.R. § 1.142		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Barbara J. Luther, Reg. No. 33,954, QUARLES & BRADY STREICH LANG LLP
Signature	<i>Barbara J. Luther</i>
Date	May 28, 2004

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office to facsimile number (703) 872-9306 on the date shown below.		
Typed or printed name	Paula N. Huffman	Date
Signature	<i>Paula N. Huffman</i>	May 28, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT OFFICE

Application of: Paul S. Keim et al. : Group Art Unit: 1645
Serial No.: 10/624,714 : Examiner: Rodney P. Swartz
Filed: 07-21-2003 : Docket No.: 112624.00085 ORD
For: High Resolution Typing System for Pathogenic Mycobacterium
Tuberculosis

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED
CENTRAL FAX CENTER

MAY 28 2004
OFFICIAL

Response under 37 C.F.R. §1.142

Dear Examiner:

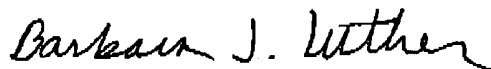
Pursuant to the Office Action mailed on April 30, 2004, this Office Action is being filed on May 28, 2004, which is within the one month time limit.

Applicants have agreed to elect claims 1-10, drawn to nucleic acid and classified in class 536, subclass 24.32. This election is made without traverse. Claims 11-77 are herewith withdrawn.

While it is believed that no fee is due, if a fee is determined to be required, the Office is hereby authorized to debit patent account 17-0055. If a telephone call would help to resolve any matters, the Examiner is cordially invited to telephone the undersigned.

Respectfully yours,

Quarles & Brady Streich Lang LLP



Barbara J. Luther, Reg. No. 33,954

Quarles & Brady Streich Lang
2 Renaissance Center
2 North Central Ave.
Phoenix, AZ 85004-2391
602-230-5502

QBPHX\112624.00085\1844884.1